

IN THE CLAIMS

Please add claims 30-48 as follows:

1 -30. A navigation display system, comprising:
2 map display domain setting means to set a display domain of a map;
3 map memory means to store map data;
4 map display means to read out and display said map data corresponding to a domain
5 set by said map display domain setting means from said map memory means;
6 retrieval range setting means to set a retrieval range, including at least a retrieve object
7 property, in order to retrieve desired information from retrieved objective data;
8 data transmission means to transmit said retrieval range set by said retrieval range
9 setting means;
10 a data receiver to receive data sent from outside, said data including at least one item
11 of individual information retrieved according to said retrieval range transmitted by said data
12 transmission means and information relating to at least a position on said map contained in
13 said individual information;
14 received data analysis means to discriminate said individual information contained in
15 said data received by said data receiver;
16 icon setting means to set an icon determined on the basis of said retrieve object
17 property according to each item of individual information discriminated by said received data
18 analysis means;
19 icon display position setting means to set a display position of said icon set by said icon
20 setting means based on said information of said position on said map contained in said

1 individual information and said map display domain set by said map display domain setting
2 means according to said individual information discriminated by said received data analysis
3 means; and

4 icon display means to display said icon set by said icon setting means according to each
5 item of individual information discriminated by said received data analysis means, on the map
6 displayed by said map display means, at said position set by said icon display position setting
7 means, whereby said navigation display system operates to display said icon on said map
8 corresponding to said individual information retrieved in a range of said set retrieval range.

1 -31. A navigation display system as defined in claim 30, further comprising:

2 icon property setting means for changing a display form of said icon set by said icon
3 setting means, according to said icon property information contained in said individual
4 information sent from the outside, wherein

5 said icon display means displays said icon set by the icon setting means, corresponding
6 to said individual information discriminated by said received data analysis means, on the map
7 displayed by said map display means, at said position set by said icon display position setting
8 means, according to a display form set by said icon property setting means, whereby

9 said display form of said icon is changeable according to said icon property information
10 contained in said individual information.

1 -32. A navigation display system as defined in claim 30, further comprising:

1 retrieval range display means for displaying a domain showing a retrieval object area
2 contained in said retrieval range and set by said retrieval range setting means on the map, so
3 that said retrieval object area is indicated on the map.

1 -33. A navigation display system as defined in claim 32, further comprising:
2 temporary memory means for storing said retrieval object area of said data received by
3 said data receiver and a receipt time indicated by said retrieval range drawing means as to
4 when said data was received, whereby
5 a range of said data already received and stored in said temporary memory means and
6 said receipt time are displayed by said retrieval range drawing means.

1 -34. A navigation display system as defined in claim 30, further comprising:
2 icon store means to store a plurality of said icons, thereby said icon set by said icon
3 setting means may be selectively provided from said icon store means.

1 -35. A navigation display system as defined in claim 30, wherein
2 said individual information sent from outside contains another icon and said icon
3 setting means sets said another icon contained in said individual information.

1 -36. A navigation display system as defined in claim 35, further comprising:
2 icon store means to store a plurality of said icons; and
3 icon presence judgment means to judge the presence of a needed icon in said icon store
4 means and to provide an icon request command to said data transmission means when said

1 needed icon is not present, whereby an icon transmission request is transmitted using said data
2 transmission means when said icon presence judgment means judges no presence of said
3 needed icon.

1 -37. A navigation display system as defined in claim 30, further comprising:
2 icon overlap judgment means to judge the existence of overlap between said icons
3 from the size and position of said icon set by said icon display position setting means, and to
4 generate a resetting command to one of said icon display position setting means, said map
5 display domain setting means and said icon property setting means when said icons are
6 overlapped, whereby

7 when existence of an overlap between icons is judged by said icon overlap judgment
8 means, said display position of an icon is changed by said icon overlap judgment means, said
9 map display domain is changed by said map display domain setting means, or said size of said
10 icon is changed by said icon property setting means, so that said overlap between said icons is
11 controlled to be less than half of the size of an icon.

1 -38. A navigation display system, comprising:
2 a data receiver to receive data sent from outside, said data including at least one item
3 of individual information containing icon information sufficient to at least set one icon;
4 received data analysis means for discriminating said individual information contained in
5 the data received by said data receiver;
6 icon setting means to set said one icon according to said icon information contained in
7 each item of individual information discriminated by said received data analysis means;

1 icon display position setting means to set a display position of said icon set by said icon
2 setting means based on said individual information discriminated by said received data analysis
3 means;

4 icon display means to display an icon set by said icon setting means according to said
5 each item of individual information discriminated by said received data analysis means, at
6 positions set by said icon display position setting means;

7 a received data/position memory means to respectively store said individual
8 information discriminated by said received data analysis means, with said display position of an
9 icon set by said icon display position setting means;

10 icon select means to select one of said icons displayed by said icon display means; and

11 detailed data display means to retrieve said individual information, corresponding to
12 said icon selected by said icon select means, from said received data/position memory means
13 and to display detailed data relating to said retrieved individual information, whereby said
14 individual information sent from outside is displayed by selecting said icon, and when said icon
15 is selected, said detailed data of said individual information is displayed.

1 -39. A navigation display system as defined in claim 38, further comprising:

2 map display domain setting means to set a display domain of said map;

3 map memory means to store map data; and

4 map display means to read out said map data of said domain set by said map display
5 domain setting means from said map memory means; wherein

1 said individual information sent from outside contains information relating to said
2 position on said map, and said icon display position setting means sets said position to display
3 said icon set by said icon setting means based on information about said position on
4 said map contained by said individual information and the display domain of said map set by
5 said map display domain setting means, according to the each item of individual information
6 discriminated by said received data analysis means, whereby
7 when said icon is selected, said individual information is displayed corresponding to
8 said icon.

B1 Cont.
2 —40. A navigation display system as defined in claim 38, wherein
3 said individual information sent from outside contains added information;
4 said detailed data display means displays said added information contained in said
5 individual information corresponding to said selected icon, and
6 when said icon is selected, said information about said individual information is
7 retrieved from said received data.

1 —41. A navigation display system as defined in claim 38, further comprising:
2 inside data store means to store said detailed data, and inside data retrieval means to
3 retrieve said information related to said individual information from said inside data store
4 means based on said individual information which is related to a selected icon provided by said
5 icon select means, whereby detailed information related to said selected individual information
6 is retrieved from inside data stored beforehand, and said detailed information relating to said
7 individual information corresponding to said selected icon is displayed.

1 -42. A navigation display system as defined in claim 39, wherein
2 said individual information sent from outside contains added information, said detailed
3 data display means displays said detailed information provided by said inside data retrieval
4 means and said added information contained in said individual information, whereby said
5 detailed information relating to said corresponding individual information taken out from said
6 inside data stored beforehand and said added information contained in said corresponding
7 individual information are displayed as information relating to the individual information
8 corresponding to said selected icon.

B' Cont.
2 -43. A navigation display system, comprising:
3 map display domain setting means to set a display domain of a map;
4 map memory means to store map data;
5 map display means to read out and display map data, corresponding to a domain set by
6 said map display domain setting means, from said map memory means;
7 retrieval range setting means to set a retrieval range including at least a retrieve object
8 property in order to retrieve desired information from retrieved objective data;
9 data transmission means to transmit said retrieval range set by said retrieval range
10 setting means;
11 a data receiver to receive data sent from outside, said data including at least one item
12 of individual information retrieved according to said retrieval range transmitted by said data
13 transmission means and information relating to at least position on said map identified in said
 individual information;

1 received data analysis means to discriminate said individual information contained in
2 said data received by said data receiver;

3 icon setting means to set an icon decided by said retrieve object property according to
4 each item of individual information discriminated by said received data analysis means;

5 icon property setting means to change a display form of said icon set by said icon
6 setting means according to icon property information contained in said individual information;

7 icon display position setting means to set a display position of said icon set by said icon
8 setting means based on said information identifying said position on said map contained in said
9 individual information and said map display domain set by said map display domain setting
10 means according to said individual information discriminated by said received data analysis
11 means;

12 icon display means to display said icon set by said icon setting means according to each
13 item of individual information discriminated by received data analysis means, on the map
14 displayed by said map display means, at said position set by said icon display position setting
15 means;

16 received data/position memory means to respectively store said individual information
17 discriminated by said received data analysis means, with said display position of said icon set
18 by said icon display position setting means;

19 icon select means capable of selecting one of said icons displayed by said icon display
20 means;

21 inside data store means to store said detailed data;

1 inside data retrieval means to retrieve said information related to said individual
2 information corresponding to said icon selected by said icon select means from said inside data
3 store means; and

4 detailed data display means to display said detailed information retrieved by said inside
5 data retrieval means, whereby said icon is displayed on said map corresponding to said
6 individual information retrieved in a range set by said retrieval range setting means so as to be
7 capable of being selected by use of said icon, and when said icon is selected, said detailed
8 information is displayed relating to said individual information corresponding to said selected
9 icon stored beforehand in said inside data store means.

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Cont.
1 —44. A navigation display system as defined in claim 43, further comprising:
2 select icon emphasis means to emphasize said icon selected with said icon select means
3 by changing a display form of said icon which is displayed, whereby
4 said icon selected by said icon select means is displayed so as to be easily distinguished
5 from said icon which is not selected.

1 —45. A navigation display system as defined in claim 43, further comprising:
2 detailed information display domain setting means to set a display domain of said
3 detailed information taken out by said inside data retrieval means; and
4 display configuration change means to change the configuration on the screen of the
5 display when said icon is selected by said icon select means or said detailed data display means
6 finishes the display of said detailed information, whereby said display configuration on the
7 screen is changed when said detailed information relating to said individual information

1 selected by said icon select means is displayed and said map displaying said icon selected by
2 said icon select means and said detailed information are displayed on the same screen.

1 -46. A navigation display system as defined in claim 43, further comprising:
2 detailed data display domain calculation means to calculate a display domain of
3 detailed data taken out by said inside data retrieval means from said display position of said
4 selected icon obtained by said received data/position memory means, wherein
5 when said detailed information relating to said individual information selected by said
6 icon select means is displayed, a map displaying said icon selected by said icon select means
7 and said detailed information are displayed on the same screen by displaying said detailed
8 information at a domain that does not cover said selected icon.

1 -47. A navigation display system, comprising:
2 map memory means to store map data, each including an icon which means facilities to
3 be displayed on the map;
4 input means for inputting for searching condition at least including property of an
5 object to be searched;
6 data communication means for transmitting said search condition to an information
7 offering apparatus, and for receiving individual information as detail information of said
8 facilities corresponding to said search condition;
9 icon information set-up means for reading out said icon of said facilities corresponding
10 to said search condition;

1 map data display means for reading out said map data from said map memory means so
2 as to display said map data on a map; and

3 icon display means for displaying said icon on a position of said facilities according to
4 said search condition.

B1 Cont.
1 —48. A navigation display system as defined in claim 47, further comprising:

2 icon selecting means for selecting said icon displayed on the map; and

3 detail information display means for selecting and displaying said detail information
4 corresponding to said icon selected based on said individual information received by said data
5 communication means.

REMARKS

Claims 1 through 48 are pending in this application. Claims 30 through 48 are newly added to link claims 5-21 of non-elected Group II and claims 22-29 of non-elected Group III to claims 1-4 of elected Group I.

In response to the restriction requirement (Paper No. 8), in which the Examiner indicated that three groups of inventions were being claimed; namely Group I (claims 1-4) was drawn to a navigation display receiving dynamic information and static information, classified in Class 340, subclass 995; Group II (claims 5-21) was drawn to an information display with retrieval range setting and icon setting, classified in Class 340, subclass 995; Group III (claims 22-28) was drawn to an information display for receiving data from servers on a network, classified in Class 395, subclass 200.5, Applicants respectfully elect, with traverse, the invention of Group I directed to claims 1-5. The traversal is premised on the followings: